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ABSTRACT

This report is designed to help educators more keenly understand technology's potential to enhance student learning. It also offers information and insights to help school leaders effectively integrate technology into instruction and provide the support their staff needs to operate in a technology-enriched learning environment. The report examines: new ways of learning, particularly engaged learning; new models of instruction that promote engaged learning; ways that instructional technology can support and enhance the new models; examples of effective technology use; the role of education leaders in providing the necessary support for effective implementation and evaluation of technology; and new approaches to evaluating the impact of technology on student achievement. Chapter 1 combines the promise of technology with current understandings of children and learning. Chapter 2 explains why technology is uniquely powerful to promote engaged learning. Chapter 3 examines the role of school leaders in establishing a vision for technology use. Chapter 4 discusses barriers to effective technology and approaches for overcoming the barriers. Chapter 5 explains why educators have difficulty finding support in the literature for the effectiveness of technology use. (Contains references.) (SM)

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